



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,298	01/20/2004	Shunichi Sekiguchi	2565-0277P	7183
2292 7590 12/10/2008 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747				
EXAMINER VO, TUNG T				
ART UNIT 2621		PAPER NUMBER		
NOTIFICATION DATE 12/10/2008		DELIVERY MODE ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary**Application No.**

10/759,298

Applicant(s)

SEKIGUCHI ET AL.

Examiner

Tung Vo

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 November 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24 and 25 is/are pending in the application.
- 4a) Of the above claim(s) 1-13 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 24 and 25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/142,577.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 09/30/08; 10/09/08
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/19/08 has been entered.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 24 and 25 are rejected under 35 U.S.C. 102(b) as being anticipated by Suzuki et al. (US 5,481,553).

Re claims 24 and 25, Suzuki discloses a moving picture prediction system (2-7 of fig. 6) for predicting a moving picture to be implemented in at least one of an encoding and a decoding (fig. 6), the moving picture prediction system comprising:

a plurality of memories (4 of fig. 6) that store picture data as a reference for prediction, the plurality of memories (4 of fig. 6) being allocated in a reference picture memory area (3 and 4 of fig. 6, note the resulting reconstructed picture block S5 is fed to the picture memory group 4, where it provides a block of the reconstructed picture stored in the one of the picture memories specified by the memory controller 3), and

a prediction picture generation (7 of fig. 6) section comprising: a motion compensator (7 of fig. 6) that receives a parameter representing a motion of a picture segment to be predicted (6 and MV of fig. 6), and generates a predicted picture by using the picture data stored in the plurality of memories based upon the parameter (PREDICTION MODE AND MOTION VECTOR), and

a memory update unit (3 of fig. 6) that updates the picture data stored in at least one of the plurality of memories in the reference memory area and controls the number capacity of the reference memory area (a block of the reconstructed picture is stored in one of the plurality of memories (4 of fig. 6).

3. Claims 24 and 25 are rejected under 35 U.S.C. 102(e) as being anticipated by Boon (US 5,767,911).

Re claims 24 and 25, Boon discloses a moving picture prediction system (340, 341, 344 of fig. 1) for predicting a moving picture to be implemented in at least one of an encoding and a decoding (334 and 336 of fig. 1), the moving picture prediction system comprising:

a plurality of memories (340 and 342 of fig. 1) that store picture data as a reference for prediction, the plurality of memories (340 and 342 of fig. 1) being allocated in a reference

picture memory area (Plural templates may also be selected for a single image sequence. Each template is also expressed by a luminance signal and transmittance signal, compression coded before transmission, and the reproduced template is then stored to the first frame memory 342. The reproduced template stored to the first frame memory 342 is also updated at either regular or irregular intervals. It is also noted that the template can be a complete image, or may comprise only a part of the complete image (e.g., an ear, eye, or mouth) as considered a reference area); and

a prediction picture generation (344 of fig. 1) section comprising:

a motion compensator (366 of fig. 3) that receives a parameter representing a motion of a picture segment to be predicted, and generates a predicted picture by using the picture data stored in the plurality of memories based upon the parameter (350, 356, 354, 360, 364 of fig. 3), and

a memory update unit (341 of fig. 1, see figs. 9A-9C) that updates the picture data stored in at least one of the plurality of memories in the reference picture memory area and controls capacity of the reference memory area.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure

Kokubo et al. (US 5,018,134) discloses a method for cancelling echo in transmitter and an apparatus therefor.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung Vo whose telephone number is 571-272-7340. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tung Vo/
Primary Examiner, Art Unit 2621